AUTODOC CLUB

How to change rear brake discs on **Toyota Auris E15** – replacement guide

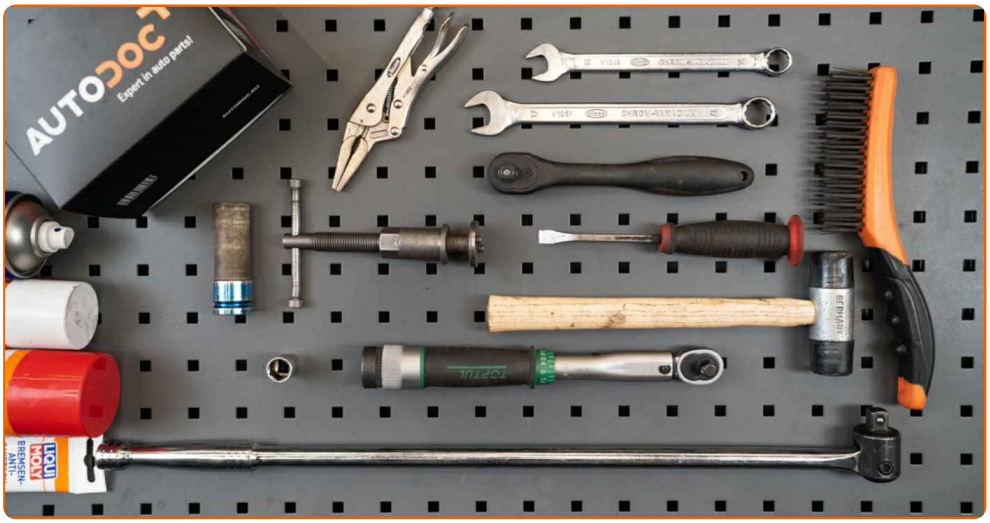
VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
TOYOTA AURIS (NRE15_, ZZE15_, ADE15_, ZRE15_, NDE15_) 1.8 (ZRE152_), TOYOTA AURIS (NRE15_, ZZE15_, ADE15_, ZRE15_, NDE15_) 1.8 4WD (ZRE154_), TOYOTA AURIS (NRE15_, ZZE15_, ADE15_, ZRE15_, NDE15_) 1.5 (NZE151_), TOYOTA AURIS (NRE15_, ZZE15_, ADE15_, ZRE15_, NDE15_) 1.5 4WD (NZE154_), TOYOTA Corolla Rumion (_E15_) 1.8, TOYOTA Corolla Rumion (_E15_) 1.5, TOYOTA Corolla Rumion (_E15_) 1.8 4WD, TOYOTA COROLLA Saloon (E15_) 1.8, TOYOTA COROLLA Saloon (E15_) 1.4 VVT-i, TOYOTA COROLLA Saloon (E15_) 1.8 VVTi (ZRE142), TOYOTA AURIS (NRE15_, ZZE15_, ADE15_, ZRE15_, NDE15_) 1.4 D-4D (NDE150_), TOYOTA AURIS (NRE15_, ZZE15_, ADE15_, ZRE15_, NDE15_) 1.6 (ZRE151_), TOYOTA AURIS (NRE15_, ZZE15_, ADE15_, ZRE15_, NDE15_) 1.4 (ZZE150_), TOYOTA AURIS (NRE15_, ZZE15_, ADE15_, ZRE15_, NDE15_) 1.8 (ZRE152_, ZZE122), TOYOTA COROLLA Saloon (E15_) 2.0 D-4D, (+ 16)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – TOYOTA AURIS E15.
TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #14
- Combination spanner #17
- Drive socket # 14
- Wheel impact socket #21
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Tap wrench
- Water pump pliers
- Rubber mallet
- Crow bar
- Wheel chock

BUY TOOLS

Replacement: brake discs – Toyota Auris E15. Tip from AUTODOC experts:

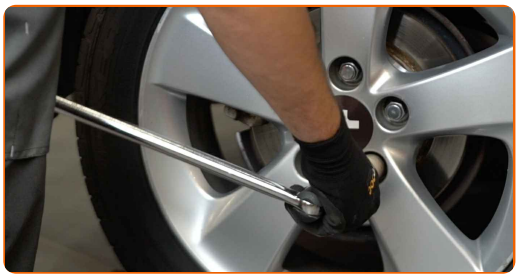
- Replace the brake disks on the car Toyota Auris E15 in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE DISCS – TOYOTA AURIS E15. TAKE THE FOLLOWING STEPS:

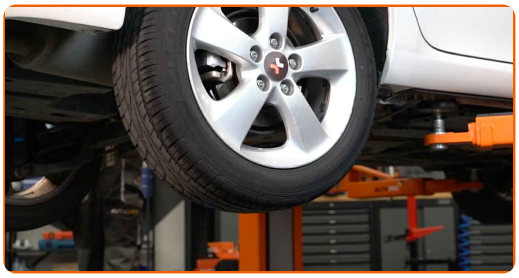
1 Open the bonnet. Unscrew the brake fluid reservoir cap.

2 Secure the wheels with chocks.

3 Loosen the wheel mounting bolts. Use wheel impact socket #21.



4 Raise the rear of the car and secure on supports.



5 Unscrew the wheel bolts.

Replacement: brake discs – Toyota Auris E15. AUTODOC recommends:

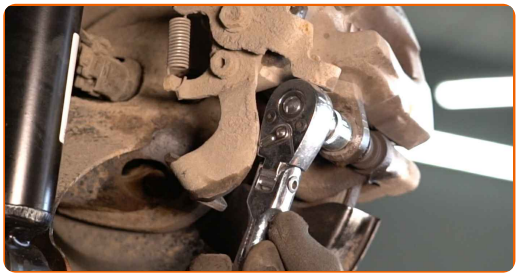
- To avoid injury, hold up the wheel when unscrewing the bolts.

6 Remove the wheel.

7 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

8 Detach the parking brake cable from the bracket on the brake caliper. Use water pump pliers.

9 Unscrew the brake caliper fastening. Use a combination spanner #14. Use a combination spanner #17.



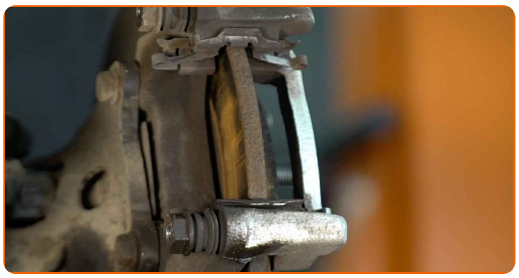
10 Spread the brake pads. Use a crowbar.

11 Remove the brake caliper.

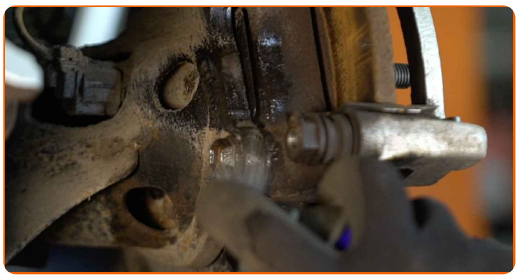
Replacement: brake discs – Toyota Auris E15. Tip:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

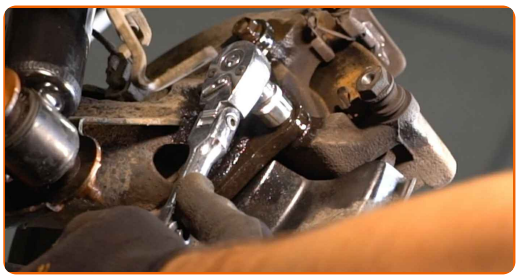
12 Remove the brake pads.



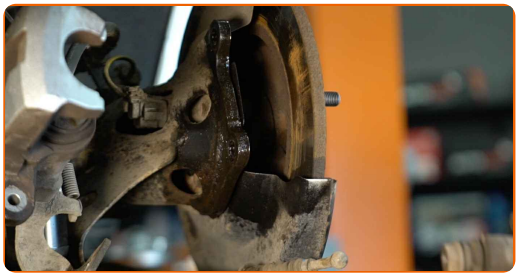
13 Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



14 Unscrew the caliper bracket fastening. Use a drive socket #14. Use a tap wrench. Use a ratchet wrench.



15 Remove the caliper bracket.



16 Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.

17 Remove the brake disc. Use a rubber mallet.

18 Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.

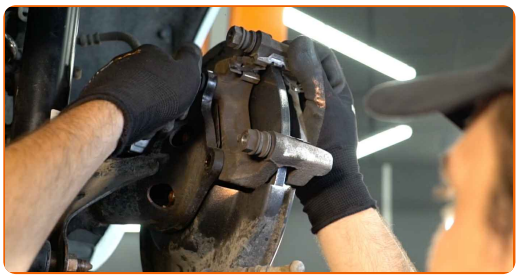
19 Install the brake disc.

20 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake discs – Toyota Auris E15. After applying the spray, wait a few minutes.

21 Install the brake caliper bracket.



22 Tighten the brake caliper bracket. Use a drive socket #14. Use a torque wrench. Tighten it to 57 Nm torque.

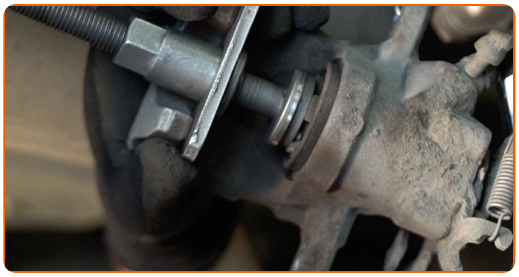
23 Install the brake pads.

24 Treat the brake caliper piston. Use a brake cleaner.

Replacement: brake discs – Toyota Auris E15. AUTODOC recommends:

- After applying the spray, wait a few minutes.

25 Press in the brake caliper piston. Use brake caliper wind back tool.

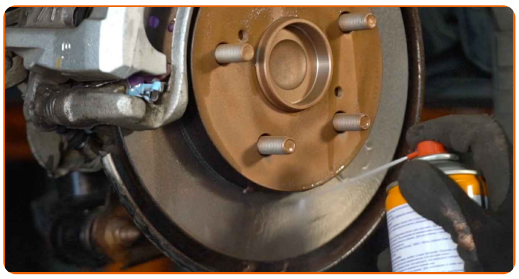


26 Install the brake caliper and fix it. Use a combination spanner #17. Use a drive socket #14. Use a torque wrench. Tighten it to 35 Nm torque.

27 Install the parking brake cable into the brake caliper bracket.

28 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

29 Clean the brake disk surface. Use a brake cleaner.



Replacement: brake discs – Toyota Auris E15. AUTODOC experts recommend:

- After applying the spray, wait a few minutes.

30 Install the wheel.

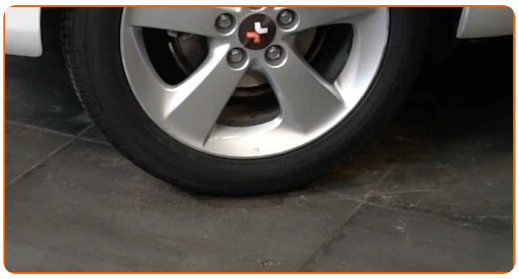
AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. Toyota Auris E15

31 Screw in the wheel bolts. Use wheel impact socket #21.

32 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #21. Use a torque wrench. Tighten it to 103 Nm torque.

33 Remove the jacks and chocks.



AUTODOC recommends:

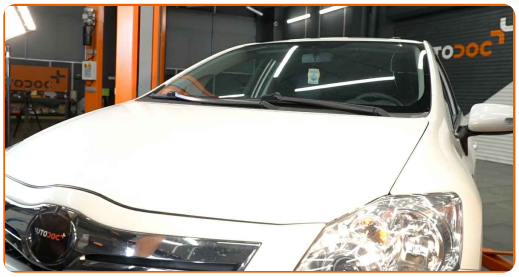
- Important! Replacement: brake discs – Toyota Auris E15. Check the brake fluid level in the reservoir and top up if necessary.

34 Tighten the brake fluid reservoir cap.

AUTODOC recommends:

- Toyota Auris E15 – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

35 Close the hood.



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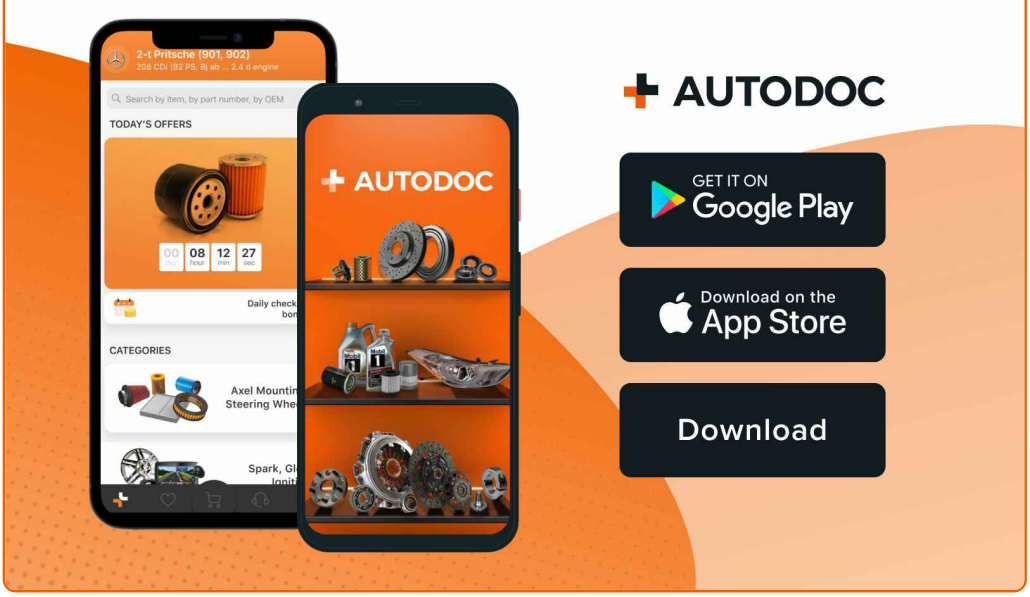

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